

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method for producing a copy-protected audio compact disc ~~containing a plurality of symbols within error correction codewords representing audio data samples of an audio signal, by including latent noise on the copy protected audio compact disc which does not interfere with the playback of the audio signal from the audio compact disc on an ordinary audio player, but which interferes with the unauthorized copying of the audio compact disc on an ordinary CD recorder and with the playback of an unauthorized copy of the audio compact disc made on an ordinary CD recorder, the method comprising the steps of:~~

selecting at least one audio data sample of the audio signal;

locating the data symbols representing said at least one audio data sample; and

overwriting said data symbols with erroneous symbols;

~~locating the error correction codewords which contain said data symbols; and~~

disabling the error-correction of said ~~error correction~~ erroneous symbols by altering a plurality of additional data symbols in codewords associated with said erroneous symbols.

2. (Original) The method as in claim 1, wherein said selecting at least one audio data sample selects a perfectly-concealable audio data sample having a previous audio data sample and a subsequent audio data sample, such that the value of said perfectly-concealable audio data sample corresponds to a linear interpolation between said previous audio data sample and said subsequent audio data sample.

3. (Original) The method as in claim 1, wherein said erroneous symbols correspond to superimposed impulses.

4. (Original) The method as in claim 1, wherein the audio compact disc has a plurality of sectors and said selecting at least one audio data sample selects at least one audio data sample within each of a group of sectors selected from said plurality of sectors.

5. (Currently amended) The method as in claim 1, wherein said error-correction codewords contain a plurality of data and parity symbols, and wherein said disabling the error-correction of said error-correction codewords ~~comprising~~ comprises the step of overwriting at least one of said ~~parity~~ data symbols with an arbitrary erroneous symbol.

6. (Currently amended) The method as in claim 1, wherein said error-correction codewords contain a plurality of data and parity symbols, and wherein said disabling the error-correction of said error-correction codewords ~~comprising~~ comprises the step of overwriting at least one of said ~~parity~~ data symbols with an erasure.

7. (Currently amended) A copy-protected audio compact disc ~~containing a plurality of symbols representing audio data samples of an audio signal, and including latent noise which does not interfere with the playback of the audio signal from the audio compact disc on an ordinary audio player, but which interferes with the unauthorized copying of the audio compact disc on an ordinary CD recorder and with the playback of an unauthorized copy of the audio compact disc made on an ordinary CD recorder, the copy protected audio compact disc comprising at least one erroneous symbol that does not correspond to the audio signal, and wherein said at least one erroneous symbol comprises an overwritten data symbol and wherein the error-correction codewords associated with the altered data symbol further comprises at least~~

one overwritten symbol is contained within a the disabled error-correction codeword associated with said overwritten data symbol.

8. (Currently amended) The copy-protected audio compact disc as in claim 7, wherein said altered data symbols are erroneous data symbols in codewords associated with said at least one erroneous data symbol representing latent noise ~~disabled error correction codeword~~ ~~contains at least one arbitrary erroneous symbol~~.

9. (Currently amended) The copy-protected audio compact disc as in claim 7, wherein said altered data symbols are erasures in codewords associated with said at least one erroneous data symbol representing latent noise ~~disabled error correction codeword contains at least one erasure~~.

10. (Cancelled)

11. (New) The method as in claim 1, wherein said step of disabling comprises the step of overwriting at least one data symbol in the error-correction codeword associated with said altered data symbol

12. (New) The method as in claim 5, wherein said step of disabling comprises:
locating the error-correction codeword containing said altered data symbol;
selecting and altering a plurality of data symbols in the C1 error-correction codeword corresponding to said altered data symbol;
selecting and altering plurality of data symbols in each of the C2 codewords corresponding to the altered plurality of data symbols,
selecting and altering a second plurality of data symbols in each of the C1 error-correction codewords corresponding to each of the altered C2 codewords.

13. (New) The disc as in claim 7, wherein said disabled error-correction codeword comprises:

a plurality of altered data symbols in the C1 error-correction codeword corresponding to said altered data symbol;

a plurality of altered data symbols in each of the C2 codewords corresponding to the altered plurality of data symbols,

a second plurality of altered data symbols in each of the C1 error-correction codewords corresponding to each of the altered C2 codewords.